



ZEP Manufacturing Company
Acuity Specialty Products Group, Inc.
P.O. Box 2015
Atlanta, GA 30301
1-877-I-BUY-ZEP (428-9937)

PORSE
11.3.18.1 v10

Material Safety Data Sheet

and Safe Handling and Disposal Information

JUN 01 2006



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B363

KINDER MORGAN
5880 NW SAINT HELENS RD
PORTLAND OR 97210-1146

Section 1. Chemical Product and Company Identification

Product name Zep Flush 'N Kill DM
Product Use Insecticide.
Product Code 0182
Date of issue 08/26/04 **Supersedes** 08/28/02
This product is a registered pesticide. Number: 1270-255

Emergency For MSDS Information:

Telephone Numbers Acuity Specialty Products Group, Inc.
Compliance Services 1-877-I-BUY-ZEP (428-9937)

For Medical Emergency

INFOTRAC:
(877) 541-2016 Toll Free - All Calls Recorded

For a Transportation Emergency

CHEMTREC:
(800) 424-9300 - All Calls Recorded
In the District of Columbia (202) 483-7616

Printing date: 05/19/06

USEPA SF



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Prepared by Compliance Services Group
Acuity Specialty Products Group
1420 Seaboard Industrial Blvd.
Atlanta, GA 30318

Section 2. Composition, Information on Ingredients

Name of Hazardous Ingredients	CAS #	% by Weight	Exposure Limits
BLEND OF ISOBUTANE, PROPANE, & n-BUTANE	75-28-5; 74-98-6; 106-97-8	1-10	ACGIH TLV (United States). TWA: 800 ppm 8 hour(s). OSHA PEL (United States). TWA: 1000 ppm 8 hour(s).
ISOPARAFFINIC SOLVENT; petroleum naphtha, light alkylate	64741-66-8	1-5	Supplier Suggested TLV (United States). TWA: 1400 mg/m ³ 8 hour(s). Not established
S-Bioallethrin	28434-00-6	0.10	ACGIH TLV (United States).
Ultratec AC; Deltamethrin;	52918-63-5	0.02	STEL: 100 mg/m ³ 15 minute(s). TWA: 45 mg/m ³ 8 hour(s).
(s)-cyano-3-phenoxybenzyl-(1R, 3R)-3(2,2-dibromovinyl)-2,2-dimethyl-cyclopropanecarboxylic acid			

Section 3. Hazards Identification

HMIS

Acute Effects

Routes of Entry Dermal contact. Eye contact. Inhalation.

Skin Hazardous in case of skin contact (irritant). May cause allergic skin reactions with repeated exposure. Prolonged or repeated contact may dry skin and cause irritation.

Eyes Hazardous in case of eye contact (irritant). Inflammation of the eye is characterized by redness, watering, and itching.

Inhalation Hazardous in case of inhalation. Avoid breathing vapors or spray mists. Over-exposure by inhalation may cause respiratory irritation.

Ingestion Unlikely in this form.

Health	1
Flammability	0
Reactivity	0
Personal Protection	B

Carcinogenic Effects

Ingredients: Not listed as carcinogen by OSHA, NTP or IARC.

Chronic Effects

Repeated or prolonged inhalation of vapors may lead to chronic respiratory irritation. Prolonged or repeated contact may dry skin and cause irritation.

See Toxicological Information (section 11)

Section 4. First Aid Measures

Eye Contact

Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Cold water may be used. Get medical attention.

Skin Contact

In case of contact, immediately flush skin with plenty of water. Remove contaminated clothing and shoes. Wash clothing before reuse. Get medical attention if irritation develops.

Inhalation

If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

Ingestion

Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Get medical attention immediately.